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0006502152

WPI Acc no: 1993-309404/

Replacement of blast furnace bottom section - involves assembly of prefabricated furnace bottom section on furnace body after removal of old section

Patent Assignee: KAWASAKI STEEL CORP (KAWI)

Inventor: AKIYAMA S; MORIMOTO T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 5222420	A	19930831	JP 199155817	A	19910227	199339	B

Priority Applications (no., kind, date): JP 199155817 A 19910227

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 5222420	A	JA	8	9	

Alerting Abstract JP A

In the interposed repair of a blast furnace, only the furnace bottom section is sepd. from the blast furnace body, and a previously constructed furnace bottom section is assembled on the furnace body. ADVANTAGE - More efficient and reliable repair operation can be carried out in a much shorter working time.

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
C21B-007/00			Main		"Version 7"

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0005163165

WPI Acc no: 1990-153192/

Fabrication of blast furnace tuyere holes, etc. - consists of provision of high hardness and refractory strength metal modules to reduce erosion of max. wear zone

Patent Assignee: INST METAL BUCUREST (META-N)

Inventor: BELGIUC S; CEZAR A; HATARASCU O; HRITAC M; MANTES S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
RO 98143	A	19890930	RO 1987127991	A	19870427	199020	B

Priority Applications (no., kind, date): RO 1987127991 A 19870427

Alerting Abstract RO A

The process comprises assembly of metal modules of high hardness and refractory strength. In the max. wear zone the temp. rise is thus moderated, with reduction of erosion.

The front walls are protected against high thermal stressing.

USE - In iron metallurgy.

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
C21B-007/16			Secondary		"Version 7"